

TABLE 14-1B
UNITARY AND APPLIED HEAT PUMPS, ELECTRICALLY OPERATED,
MINIMUM EFFICIENCY REQUIREMENTS

Equipment Type	Size Category	Sub-Category or Rating Condition	Minimum Efficiency ^b	Test Procedure ^a
Air Cooled, (Cooling Mode)	< 65,000 Btu/h	Split System	10.0 SEER	ARI 210/240
		On or After Jan 23, 2006 ^d	13.0 SEER	
		Single Package	9.7 SEER	
	≥65,000 Btu/h and < 135,000 Btu/h	On or After Jan 23, 2006 ^d	13.0 SEER	ARI 340/360
		Split System and Single Package	10.1 EER ^c 10.4 IPLV ^c	
		Split System and Single Package	9.3 EER ^c 9.5 IPLV ^c	
Through-the-Wall (Air Cooled, Cooling Mode)	<30,000 Btu/h	Split System	10.0 SEER	ARI 210/240
		On or After Jan 23, 2006 ^d	10.9 SEER	
		Single Package	9.7 SEER	
		On or After Jan 23, 2006 ^d	10.6 SEER	
Water-Source (Cooling Mode)	< 17,000 Btu/h	86°F Entering Water	11.2 EER	ARI/ISO-13256-1
	≥ 17,000 Btu/h and <65,000 Btu/h	86°F Entering Water	12.0 EER	ARI/ISO-13256-1
	≥65,000 Btu/h and < 135,000 Btu/h	86°F Entering Water	12.0 EER	ARI/ISO-13256-1
Groundwater-Source (Cooling Mode)	< 135,000 Btu/h	59°F Entering Water	16.2 EER	ARI/ISO-13256-1
Ground Source (Cooling Mode)	< 135,000 Btu/h	77°F Entering Water	13.4 EER	ARI/ISO-13256-1
Air Cooled (Heating Mode)	< 65,000 Btu/h ^d (Cooling Capacity)	Split System	6.8 HSPF	ARI 210/240
		On or After Jan 23, 2006 ^d	7.7 HSPF	
		Single Package	6.6 HSPF	
		On or After Jan 23, 2006 ^d	7.7 HSPF	
	≥65,000 Btu/h and < 135,000 Btu/h (Cooling Capacity)	47°F db/43°F wb Outdoor Air	3.2 COP	ARI 340/360
		17°F db/15°F wb Outdoor Air	2.2 COP	
	≥135,000 Btu/h (Cooling Capacity)	47°F db/43°F wb Outdoor Air	3.1 COP	ARI 340/360
		17°F db/15°F wb Outdoor Air	2.0 COP	

TABLE 14-1B (CONTINUED)
UNITARY AND APPLIED HEAT PUMPS, ELECTRICALLY OPERATED,
MINIMUM EFFICIENCY REQUIREMENTS

Through-the-Wall (Air Cooled, Heating Mode)	<30,000 Btu/h ^d	Split System	6.8 HSPF	ARI 210/240
		On or After Jan 23, 2006 ^d	7.1 HSPF	
		Single Package	6.6 HSPF	
		On or After Jan 23, 2006 ^d	7.0 HSPF	
Water-Source (Heating Mode)	< 135,000 Btu/h (Cooling Capacity)	68°F Entering Water	4.2 COP	ARI/ISO-13256-1
Groundwater-Source (Heating Mode)	< 135,000 Btu/h (Cooling Capacity)	50°F Entering Water	3.6 COP	ARI/ISO-13256-1
Ground Source (Heating Mode)	< 135,000 Btu/h (Cooling Capacity)	32°F Entering Water	3.1 COP	ARI/ISO-13256-1
^a Reserved. ^b IPLVs and Part load rating conditions are only applicable to equipment with capacity modulation. ^c Deduct 0.2 from the required EERs and IPLVs for units with a heating section other than electric resistance heat. ^d Date of manufacture for single-phase air-cooled heat pumps < 65,000 Btu/h, as regulated by NAECA. SEER and HSPF values are those set by NAECA				